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PATENTS

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In re Application of:)
)
JUAN IBANEZ)
)
Serial No. **10/621,229**) Art Unit: **1617**
)
Filed: **July 15, 2003**)
) Examiner: **Jennifer M. Kim**
For: **Use of Flumazenil in the Production of a**)
Drug for the Treatment of Alcohol)
Dependency)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

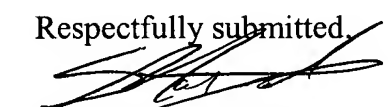
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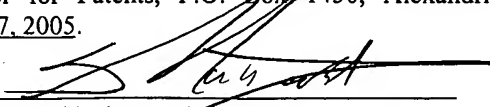
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Respectfully submitted,


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Substitute for Form 1449/A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/621,229
Filing Date	July 15, 2003
First Named Inventor	Juan Ibanez
Group Art Unit	1614
Examiner Name	Jennifer Kim
Attorney Docket Number	55979-314589 (55979-0100)

Sheet	1	of	10
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Sheet 2 of 10	Attorney Docket Number		55979-314589 (55979-0100)
OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	3.	Bell, E.C., <i>et al.</i> , "Response to Flumazenil in the Late Luteal Phase and Follicular Phase of the Menstrual Cycle in Healthy Control Females," <i>Psychopharmacology</i> , Vol. 172, pp. 248-254 (2004)	
	4.	Berezhnoy, D., <i>et al.</i> , "Conformational Changes at Benzodiazepine Binding Sites of GABA _A Receptors Detected With a Novel Technique," <i>J. Neurochemistry</i> , Vol. 92, pp. 859-866 (2005)	
	5.	Betz, C., <i>et al.</i> , "Could a Common Biochemical Mechanism Underlie Addictions?," <i>J. Clin. Pharm. Ther.</i> , Vol. 25, No. 1, pp. 11-20 (2000) (Abstract Only)	
	6.	Biggio, G., <i>et al.</i> , "Molecular Mechanisms of Tolerance to and Withdrawal of GABA(A) Receptor Modulators," <i>Eur. Neuropsychopharmacol.</i> , Vol. 13, No. 6, pp. 411-423 (2003)	
	7.	Boehm, S.L., <i>et al.</i> , "γ-Aminobutyric Acid A Receptor Subunit Mutant Mice : New Perspectives on Alcohol Actions," <i>Biochemical Pharmacology</i> , Vol. 68, pp. 1581-1602 (2004)	
	8.	Buckley, S.T., <i>et al.</i> , "GABA _A Receptor β Subunit mRNA Expression in the Human Alcoholic Brain," <i>Neurochemistry International</i> , Vol. 45, pp. 1011-1020 (2004)	
	9.	Casasola, C., <i>et al.</i> , "Hyperexcitability Induced by GABA Withdrawal Facilitates Hippocampal Long-term Potentiation," <i>Neuroscience</i> , Vol. 126, pp. 163-171 (2004)	
	10.	Clark, M., "Sensitivity of the Rat Hippocampal GABA _A Receptor α4 Subunit to Electroshock Seizures," <i>Neuroscience Letters</i> , Vol. 250, pp. 17-20 (1998)	
	11.	Criswell, H.E., <i>et al.</i> , "Effect of Zolpidem on Gamma-aminobutyric Acid (GABA)-Induced Inhibition Predicts the Interaction of Ethanol with GABA on Individual Neurons in Several Rat Brain Regions," <i>J. Pharmacol. Exp. Therp.</i> , Vol. 273, No. 1, pp. 526-536 (1995) (Abstract Only)	
	12.	Davies, M., "The Role of GABA _A Receptors in Mediating the Effects of Alcohol in the Central Nervous System," <i>J. Psychiatry Neurosci.</i> , Vol. 28, No. 4, pp. 263-274 (2003)	
	13.	Devaud L.L., <i>et al.</i> , "Bidirectional Alterations of GABA(A) Receptor Subunit Peptide Levels in Rat Cortex During Chronic Ethanol Consumption and Withdrawal," <i>J. Neurochem.</i> , Vol. 69, No. 1, pp. 126-130 (1997)	

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	14.	Devaud L.L., <i>et al.</i> , "Chronic Ethanol Consumption Differentially Alters the Express of Gamma-aminobutyric acid _A ...Chain Reaction Analysis," <i>Mol. Pharmacol.</i> , Vol. 48, No. 5, pp. 861-868 (1995)	
	15.	Devaud L.L., <i>et al.</i> , "Influence of Gender on Chronic Ethanol-Induced Alterations in GABA _A Receptors in Rats," <i>Brain Res.</i> , Vol. 796, Nos. 1&2, pp. 222-230 (1998)	
	16.	Devaud L.L., <i>et al.</i> , "Sensitization of Gamma-Aminobutyric acid _A Receptors to Neuroactive Steroids in Rats During Ethanol Withdrawal," <i>J. Pharmacol. Exp. Ther.</i> , Vol. 278, No. 2, pp. 510-517 (1996)	
	17.	DuBois, D.W., <i>et al.</i> , "Binge Ethanol Exposure Delays Development of GABAergic Miniature Postsynaptic Currents in Septal Neurons," <i>Developmental Brain Research</i> , Vol. 152, pp. 199-212 (2004)	
	18.	File, S.E., <i>et al.</i> , "Effects of Nitrendipine, Chlordiazepoxide, Flumazeil and Baclofen on the Increased Anxiety Resulting from Alcohol Withdrawal," <i>Prog. Neuropsychopharmacol. Biol. Psychiatry</i> , Vol. 16, No. 1, pp. 87-93 (1992) (Abstract Only)	
	19.	File, S.E., <i>et al.</i> , "Benzodiazepine Withdrawal: Behavioural Pharmacology and Neurochemical Changes." <i>Biochem. Soc. Symp.</i> , Vol. 59, pp. 97-106 (1993) (Abstract Only)	
	20.	File, S.E., <i>et al.</i> , "Flumazenil but not Nitrendipine Reverses the Increased Anxiety During Ethanol Withdrawal in the Rat," <i>Psychopharmacology</i> , Vol. 98, No. 2, pp. 262-264 (1989)	
	21.	Finn, D.A., <i>et al.</i> , "Differential Change in Neuroactive Steroid Sensitivity During Ethanol Withdrawal," <i>J. Pharmacology and Experimental Therapeutics</i> , Vol. 292, No. 1, pp. 394-405 (2000)	
	22.	Follesa, P., <i>et al.</i> , "Modulation of GABA _A receptor Gene Expression by Allogpregnanolone and Ethanol," <i>Euro. J. Pharmacology</i> , Vol. 500, pp. 413-425 (2004)	
	23.	Follesa, P., <i>et al.</i> , "γ-Hydroxybutyric Acid and Diazepam Antagonize a Rapid Increase in GABA _A Receptors α4 Subunit mRNA Abundance Induced by Ethanol Withdrawal in Cerebellar Granule Cells," <i>Molecular Pharmacology</i> , Vol. 63, No. 4, pp. 896-907 (2003)	
	24.	Green, K.L., <i>et al.</i> , "The Influence of Menstrual Cycle Phase on Sensitivity to Ethanol-Like Discriminative Stimulus Effects of GABA _A -Positive Modulators," <i>Pharmacology Biochemistry and Behavior</i> , Vol. 64, No. 2, pp. 379-383 (1999)	

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Substitute for Form 1449/A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>				Complete if Known	
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	25.	Grobin, A.C., <i>et al.</i> , "The role of GABA(A) Receptors in the Acute and Chronic Effects of Ethanol," <i>Psychopharmacology</i> (Berl.), Vol. 139, Nos. 1-2, pp. 2-19 (1998) (Abstract Only)		
	26.	Grobin, A.C., <i>et al.</i> , "Chronic Ethanol Administration Alters Immunoreactivity for GABA _A Receptor Subunits in Rat Cortex in a Region-Specific Manner," <i>Alcoholism</i> , Vol. 24, No. 8, pp. 1137-1144 (2000)		
	27.	Hanchar, H.J., <i>et al.</i> , "Alcohol Effects on γ -aminobutyric Acid Type A Receptors: Are Extrasynaptic Receptors the Answer?," <i>Life Sciences</i> , Vol. 76, pp. 1-8 (2004)		
	28.	Hirani, K., <i>et al.</i> , "Evaluation of GABAergic Neuroactive Steroid 3alpha-hydroxy-5alpha-pregnane-20-one as a Neurobiological Substrate for the Anti-Anxiety Effect of Ethanol in Rats," <i>Psychopharmacology</i> (Berl.), (Epub ahead of print) (2005) (Abstract Only)		
	29.	Holtman, Jr., J.R., <i>et al.</i> , "Modification of Morphine Analgesia and Tolerance by Flumazenil in Male and Female Rats," <i>Euro. J. Pharmacology</i> , Vol. 470, pp. 149-156 (2003)		
	30.	Janak, P.H., <i>et al.</i> , "The Reinforcing Effects of Ethanol are Altered by the Endogenous Neurosteroid, Allopregnanolone," <i>Alcohol Clin. Exp. Res.</i> , Vol. 22, No. 5, pp. 1106-1112 (1998) (Abstract Only)		
	31.	Janis, G.C., <i>et al.</i> , "Effects of Chronic Ethanol Consumption and Withdrawal on the Neuroactive Steroid 3alpha-hydroxy-5alpha-pregnan-20-one in Male and Female Rats," <i>Alcohol Clin. Exp. Res.</i> , Vol. 22, No. 9, pp. 2055-2061 (1998) (Abstract Only)		
	32.	June, H.L., <i>et al.</i> , "Ethanol Self-Administration in Freely Feeding and Drinking Rats; Effects of Ro15-4513 alone, and in Combination with Ro15-1788 (Flumazenil)," <i>Psychopharmacology</i> (Berl.), Vol. 115, No. 3, pp 332-339 (1994) (Abstract Only)		
	33.	Kang, M., <i>et al.</i> , "Persistent Reduction of GABA(A) Receptor-Mediated Inhibition in Rat Hippocampus After Chronic Intermittent Ethanol Treatment," <i>Brain Res.</i> , Vol. 709, No. 2, p. 221-228 (1996) (Abstract Only)		
	34.	Kang, M., <i>et al.</i> , "Alteration in the Sensitivity of GABA(A) Receptors to Allosteric Modulatory Drugs in Rat Hippocampus After Chronic Intermittent Ethanol Treatment," <i>Alcohol Clin. Exp. Res.</i> , Vol. 22, No. 9, p. 2165-2173 (1998) (Abstract Only)		
	35.	Knapp, D.J., <i>et al.</i> , "SB242084, Flumazenil, and CRA1000 Block Ethanol Withdrawal-Induced Anxiety in Rats," <i>Alcohol</i> , Vol. 32, pp. 101-111 (2004)		
	36.	Ma, L., <i>et al.</i> , "Transcriptional Regulation of the Mouse Gene Encoding the α -4 Subunit of the GABA _A Receptor," <i>J. Biological Chemistry</i> , Vol. 279, No. 39 pp. 40451-40461 (2004)		
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	37.	Mahmoudi, M.K., <i>et al.</i> , "Chronic Intermittent Ethanol Treatment In Rats Increases GABA (A) Receptor Alpha4-subunit Expression: Possible Relevance to Alcohol Dependence," <i>J. Neurochem.</i> , Vol. 68, No. 6, pp. 2485-2492 (1997) (Abstract Only)	
	38.	Mann, K., "Pharmacotherapy of Alcohol Dependence," <i>CNS Drugs</i> , Vol. 18, No. 8, pp. 485-504 (2004)	
	39.	Matthews, D.B., <i>et al.</i> , "Differential Regulation of GABA(A) Receptor Gene Expression by Ethanol in the Rat Hippocampus Versus Cerebral Cortex," <i>J. Neurochem.</i> , Vol. 70, No. 3, pp. 1160-1166 (1998) (Abstract Only)	
	40.	Mitsuyama, H., <i>et al.</i> , "GABA(A) Receptor Alpha1, Alpha4, and Beta3 Subunit mRNA and Protein Expression in the Frontal Cortex of Human Alcoholics," <i>Alcohol Clin. Exp. Res.</i> , Vol. 22, No. 4, pp. 815-822 (1998) (Abstract Only)	
	41.	Moy, S.S., <i>et al.</i> , "Enhanced Ultrasonic Vocalization and Fos Protein Expression Following Ethanol Withdrawal: Effects of Flumazenil," <i>Psychopharmacology</i> , Vol. 152, pp. 208-215 (2000)	
	42.	Moy, S.S., <i>et al.</i> , "Flumazenil Blockade of Anxiety Following Ethanol Withdrawal in Rats," <i>Psychopharmacology</i> , Vol. 131, pp. 354-360 (1997)	
	43.	Potokar, J., <i>et al.</i> , "Flumazenil in Alcohol Withdrawal: A Double-Blind Placebocontrolled Study," <i>Alcohol</i> , Vol. 32, No. 5, pp. 605-611 (1997)	
	44.	Sanna, E., <i>et al.</i> , "Changes in GABA _A Receptor Gene Expression Associated with Selective Alterations in Receptor Function and Pharmacology After Ethanol Withdrawal," <i>J. of Neuroscience</i> , Vol. 23, No. 37, pp. 11711-11724 (2003)	
	45.	Savic, I., <i>et al.</i> , "Feasibility of Reversing Benzodiazepine Tolerance with Flumazenil," <i>Lancet</i> , Vol. 337, pp. 133-137 (1991)	
	46.	Schmitt, U., <i>et al.</i> , "Free-choice Ethanol Consumption Under the Influence of GABAergic Drugs in Rats," <i>Alcohol Clin. Exp. Res.</i> , Vol. 26, No. 4, pp. 457-462 (2002) (Abstract Only)	
	47.	Stanley, K.M., <i>et al.</i> , "Impact of an Alcohol Withdrawal Syndrome Practice Guideline on Surgical Patient Outcomes," <i>Pharmacotherapy</i> , Vol. 23, No. 7, pp. 843-854 (2003) (Abstract Only)	

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	48.	Sundstrom-Poromaa, I., <i>et al.</i> , "Hormonally Regulated $\alpha_4\beta_2\delta$ GABA _A Receptors are a Target for Alcohol," <i>Nature Neuroscience</i> , Vol. 5, No. 8, pp. 721-722 (2002)	
	49.	Uzbay, I.T., <i>et al.</i> , "Effects of Flumazenil on Ethanol Withdrawal Syndrome in Rats," <i>Arzneimittelforschung</i> , Vol. 45, No. 2, pp. 120-124 (1995) (Abstract Only)	
	50.	Vanover, K.E., <i>et al.</i> , "Positive Allosteric Modulators of the GABA _A Receptor: Differential Interaction of Benzodiazepines and Neuroactive Steroids With Ethanol," <i>Psychopharmacology</i> , Vol. 141, pp. 77-82 (1999)	
	51.	Vanover, K.E., "Effects of Benzodiazepine Receptor Ligands and Ethanol in Rats Trained to Discriminate Pregnanolone," <i>Pharmacology, Biochemistry and Behavior</i> , Vol. 67, pp. 483-487 (2000)	
	52.	Verheul, R., <i>et al.</i> , "A Three-Pathway Psychobiological Model of Craving for Alcohol," <i>Alcohol & Alcoholism</i> , Vol. 34, No. 2, pp. 197-222 (1999)	
	53.	Weinbroum, A., <i>et al.</i> , "Flumazenil Potentiation of Postoperative Morphine Analgesia," <i>Clin. J. Pain</i> , Vol. 16, No. 3, pp. 193-199 (2000) (Abstract Only)	
	54.	White, J., <i>et al.</i> , "Antagonism of a Nicotine Plus Midazolam Discriminative Cue in Rats," <i>Behav. Pharmacol.</i> , Vol. 5, No. 3, pp. 351-355 (1994) (Abstract Only)	
	55.	Van Miert, AS, "Appetite-Modulating Drugs in Dwarf Goats, With Special Emphasis on Benzodiazepine-Induced Hyperphagia and its Antagonism by Flumazenil and RO 15-3505", <i>J. Vet Pharmacol Ther.</i> , Jun; 12(2):147-56 (1989)	
	56.	Zheng, T.M., <i>et al.</i> , "Chronic Flumazenil Alters GABA(A) Receptor Subunit mRNA Expression, Translation Product Assembly and Channel Function in Neuronal Cultures," <i>J. Pharmacol. Exp. Ther.</i> , Vol. 277, No. 1, pp. 525-533 (1996) (Abstract Only)	

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	57.	Baldwin, H.A., <i>et al.</i> , "Flumazenil Prevents the Development of Chlordiazepoxide Withdrawal in Rats Tested in the Social Interaction Test of Anxiety," <i>Psychopharmacology</i> , Vol. 97, No. 3, pp. 424-426 (1989) (Abstract Only)	
	58.	Brooks-Kayal-A.R., <i>et al.</i> , "Human Neuronal γ -Aminobutyric Acid _A Receptors : Coordinated Subunit mRNA Expression and Functional Correlates in Individual Dentate Granule Cells," <i>J. Neuroscience</i> , Vol. 19, No. 19, pp. 8312-8318 (1999)	
	59.	Ferrar, G., <i>et al.</i> , "Increased Expression of the Neuropeptide γ receptor γ 1 Gene in the Medical Amygdala of Transgenic Mice Induced by Long-term Treatment with Progesterone or Alloprenanolone," <i>J. Neurochemistry</i> , Vol. 79, pp. 417-425 (2001)	
	60.	Frostholm, A., <i>et al.</i> , "Harmaline-induced Changes in Gamma Aminobutyric Acid _A Receptor Subunit mRNA Expression in Murine Olivocerebellar Nuclei," <i>Molecular Brain Research</i> , Vol. 85, pp. 200-208 (2000)	
	61.	Gee, KW <i>et al.</i> , "A Putative Receptor for Neurosteroids on the GABAA Receptor Complex: the Pharmacological Properties and Therapeutic Potential of Epalons", <i>Crit Rev Neurobiol.</i> 1995; 9(2-3):207-27 (Abstract Only)	
	62.	Gulinello, M., <i>et al.</i> , "Progesterone Withdrawal Increases the α 4 Subunit of the GABA _A Receptor in Male Rats in Association With Anxiety and Altered Pharmacology – A Comparison With Female Rats," <i>Neuropharmacology</i> , Vol. 43, pp. 701-714 (2000)	
	63.	Gulinello, M., <i>et al.</i> , "Anxiogenic Effects of Neurosteroid Exposure: Sex Differences and Altered GABA _A Receptor Pharmacology in Adult Rats," <i>J. Pharmacology and Experimental Therapeutics</i> , Vol. 305, No. 2, pp. 541-548 (2003)	
	64.	Hawkinson, J.E., "Substituted 3 β -Phenylethynyl Derivatives of 3 α -Hydroxy-5 α -pregnan-20-one: Remarkably Potent Neuroactive Steroid Modulators of γ -Aminobutyric Acid _A Receptors," <i>J. Pharmacology and Experimental Therapeutics</i> , Vol. 287, No. 1, p. 198-207 (1998)	
	65.	Hogenkamp, D.J., <i>et al.</i> , "Synthesis and in Vitro Activity of 3 β -Substituted-3 α -Hydroxypregnan-20-ones: Allosteric Modulators of the GABA _A Receptor," <i>J. Med. Chem.</i> , Vol. 40, pp. 61-72 (1996)	
	66.	Hsu, F. <i>et al.</i> , "Progesterone Withdrawal Reduces Paired-Pulse Inhibition in Rate Hippocampus: Dependence on GABAA Receptor α 4 Subunit Upregulation," <i>J. Neurophysiol.</i> , Vol. 89, pp. 186-198 (2003)	
	67.	Krogsgaard-Larsen, P., <i>et al.</i> , "GABA _A Agonists and Partial Agonists: THIP (Gaboxadol) as a Non-Opioid Analgesic and a Novel Type of Hypnotic," <i>Biochemical Pharmacology</i> , Vol. 68, pp. 1573-1580 (2004)	

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	68.	Holt, R.A., <i>et al.</i> , "Chronic Treatment with Diazepam or Abecarnil Differently Affects the Expression of GABA _A Receptor Subunit mRNAs in the Rat Cortex," <i>Neuropharmacology</i> , Vol. 35, Nos. 9 & 10, pp. 1457-1463 (1996)	
	69.	Lan, N.C., <i>et al.</i> , "Differential Responses of Expressed Recombinant Human Gamma-aminobutyric acidA Receptors to Neurosteroids," <i>J. Neurochem.</i> , Vol. 57, No. 5, pp. 1818-1821 (1991) (Abstract Only)	
	70.	Lee, C., <i>et al.</i> , "Effects of Benzodiazepine Receptor Antagonist, Flumazenil, on Antinociceptive and Behavioural Responses to the Elevated Plusmaze in Mice," <i>Neuropharmacology</i> , Vol. 30, No. 12A, pp. 1263-1267 (1991) (Abstract Only)	
	71.	Medina, J.H., <i>et al.</i> , "Overview-Flavonoids: A New Family of Benzodiazepine Receptor Ligands," <i>Neurochemical Research</i> , Vol. 22, No. 4, pp. 419-425 (1997)	
	72.	Smith, S.S., <i>et al.</i> , "Neurosteroid Administration and Withdrawal Alter GABA _A Receptor Kinetics in CA1 Hippocampus of Female Rats," <i>J. Physiol.</i> , Vol. 567, Pt. 2, pp. 421-436 (2005) (Abstract Only)	
	73.	Sur, C., <i>et al.</i> , "Preferential Coassembly of $\alpha 4$ and δ Subunits of the γ -Aminobutyric AcidA Receptor in Rat Thalamus," <i>American Society of Pharmacology and Experimental Therapeutics</i> , Vol. 56, pp. 110-115 (1998)	
	74.	Whittemore, E.R., <i>et al.</i> , "Pharmacology of the Human Gamma-Aminobutyric acidA Receptor Alpha 4 Subunit Expressed in <i>Xenopus Laevis</i> Oocytes," <i>Mol. Pharmacol.</i> , Vol. 50, No. 5, pp. 1364-1375 (1996) (Abstract Only)	
	75.	Wisden, W., <i>et al.</i> , "Cloning, Pharmacological Characteristics and Expression Pattern of the Rat GABA _A Receptor Alpha 4 Subunit," <i>FEBS Lett.</i> , Vol. 289, No. 2, pp. 227-230 (1991) (Abstract Only)	

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		Application Number	10/621,229
		Filing Date	July 15, 2003
		First Named Inventor	Juan Ibanez
		Group Art Unit	1614
		Examiner Name	Jennifer Kim
Sheet 9 of 10	Attorney Docket Number		55979-314589 (55979-0100)

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	76.	Adkins, C.E., <i>et al.</i> , "α ₄ β ₃ δ GABA _A Receptors Characterized by Fluorescence Resonance Energy Transfer-derived Measurements of Membrane Potential," <i>J. Biological Chemistry</i> , Vol. 276, No. 42, pp. 38934-38939 (2001)	
	77.	Akk, G., <i>et al.</i> , "Activation of GABA(A) Receptors Containing the alpha4 subunit by GABA and Pentobarbital," <i>J. Physiol.</i> , Vol. 556, Part 2, , pp. 1-39 (2004)	
	78.	Banerjee, P.K., <i>et al.</i> , "Alterations in GABA _A Receptor α1 and α4 Subunit mRNA Levels in Thalamic Relay Nuclei Following Absence-like Seizures in Rats," <i>Experimental Neurology</i> , Vol. 154, pp. 213-223 (1998)	
	79.	Biggio, G., <i>et al.</i> , "GABA _A -receptor Plasticity During Long-Term Exposure to and Withdrawal from Progesterone," <i>Int. Rev. Neurobiol.</i> , Vol. 46, pp. 207-241 (2001)	
	80.	Burt, D.R., "Alpha Subunit Position and GABA Receptor Function," <i>Science's STKE</i> , No. 270, PE5, pp. 1-2 (2005)	
	81.	Lovick, T.A., <i>et al.</i> , "Changes in GABA _A Receptor Subunit Expression in the Midbrain During the Oestrous Cycle in Wistar Rats," <i>Neuroscience</i> , Vol. 131, pp. 397-405 (2005)	
	82.	Lujan, R., <i>et al.</i> , "Glutamate and GABA Receptor Signalling in the Developing Brain," <i>Neuroscience</i> , Vol. 130, pp. 567-580 (2005)	
	83.	Mody, I., "Distinguishing between GABA _A Receptors Responsible for Tonic and Phasic Conductances," <i>Neurochemical Research</i> , Vol. 26, Nos. 8-9, pp. 907-913 (2001)	
	84.	Porter, B.E., <i>et al.</i> , "Heterogeneous GABA(A) Receptor Subunit Expression in Pediatric Epilepsy Patients," <i>Neurobiol. Dis.</i> , Vol. 18, No. 3, pp. 484-491 (2005) (Abstract Only)	
	85.	Quirk, G.J., <i>et al.</i> , "Inhibition of the Amygdala: Key to Pathological States?," <i>Ann. N.Y. Acad. Sci.</i> , Vol. 985, pp. 263-272 (2003)	
	86.	Rissman, R.A., <i>et al.</i> , "Subregional Analysis of GABA _A Receptor Subunit mRNAs in the Hippocampus of Older Persons with and without Cognitive Impairment," <i>J. of Chemical Neuroanatomy</i> , Vol. 28, pp. 17-25 (2004)	
	87.	Saitoh, K., <i>et al.</i> , "Nigral GABAergic Inhibition Upon Mesencephalic Dopaminergic Cell Groups in Rats," <i>Eur. J. Neurosci.</i> , Vol. 19, No. 9, pp. 2399-2409 (2004) (Abstract Only)	
	88.	Sedvall, G., <i>et al.</i> , "Recent Advances in Psychiatric Brain Imaging," <i>Acta Radiol. Suppl.</i> , Vol. 374, pp. 113-115 (1990) (Abstract Only)	

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	89.	Smith, S.S., <i>et al.</i> , "GABA _A Receptor α 4 Subunit Suppression Prevents Withdrawal Properties of an Endogenous Steroid," <i>Nature</i> , Vol. 392, pp. 926-930 (1998)	
	90.	Yang, W., "Cloning and Characterization of the Human GABA _A Receptor Alpha 4 Subunit: Identification of a Unique Diazepam-Insensitive Binding Site," <i>Eur. J. Pharmacol.</i> , Vol. 291, No. 3, pp. 319-325 (1995) (Abstract Only)	
	91.	Zheng, T.M., <i>et al.</i> , "Changes in γ -aminobutyrate Type A Receptor Subunit mRNAs, Translation Product Expression, and Receptor Function During Neuronal Maturation in vitro," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 10952-10956 (1994)	
	92.	Smith, A.J., <i>et al.</i> , "Effect of α Subunit on Allosteric Modulation of Ion Channel Function in Stably Expressed Human Recombinant γ -Aminobutyric AcidA Receptors Determined Using ³⁶ Cl Ion Flux," <i>Molecular Pharmacology</i> , Vol. 59, No. 5, pp. 1108-1118 (2001)	

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